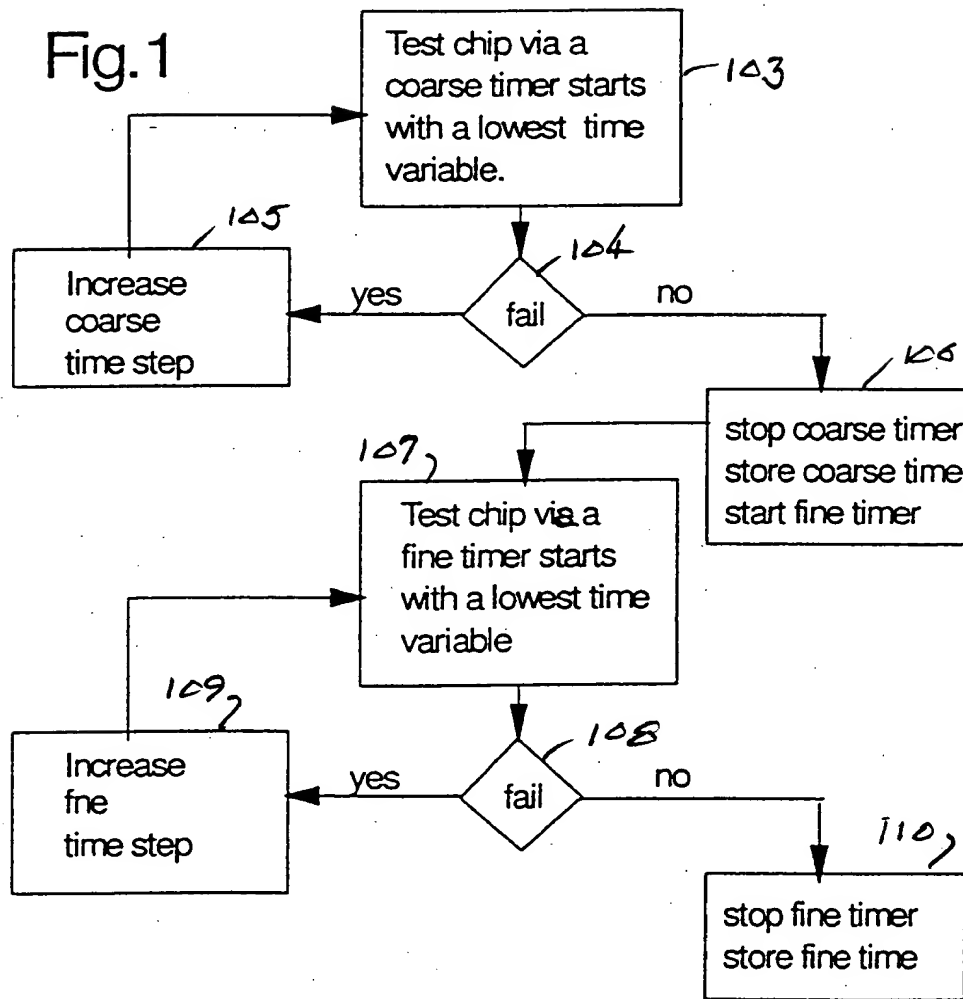


Fig. 1



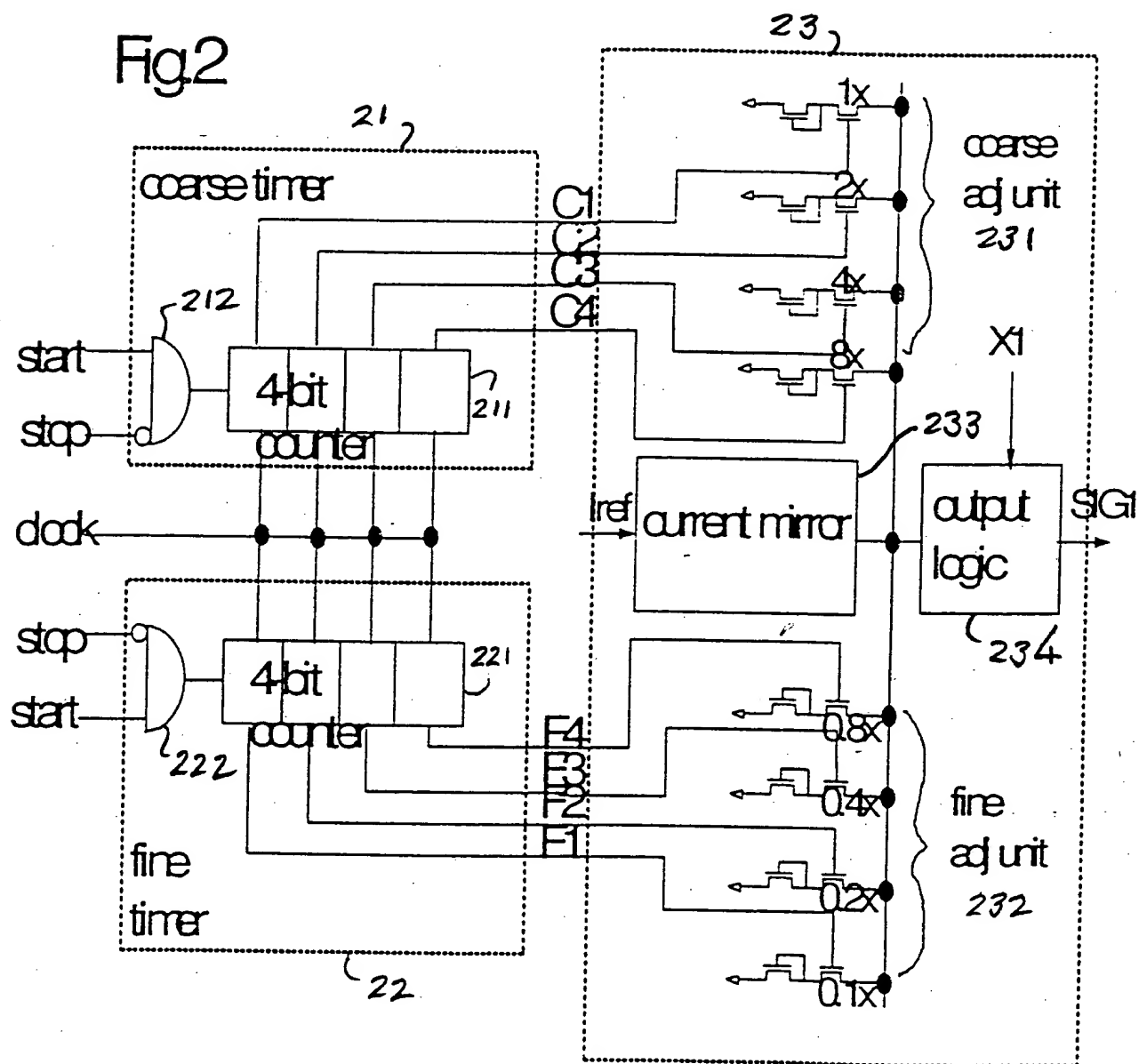
101,
coarse
timer
5 ns
10ns
pass → 15ns
20ns
25ns
•

102,
fine
timer
1 ns
1.5ns
pass → 2 ns
2.5ns
3 ns
•

t=18ns

timer001

Fig2



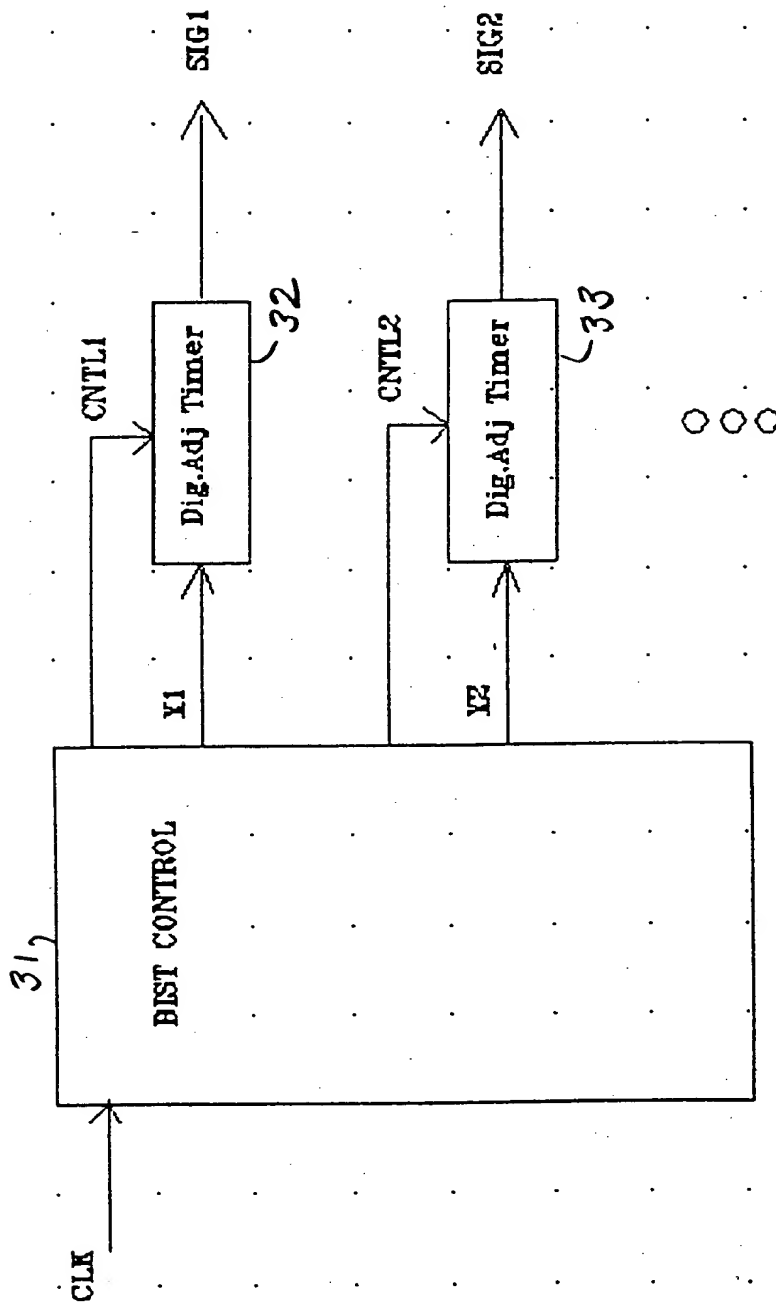
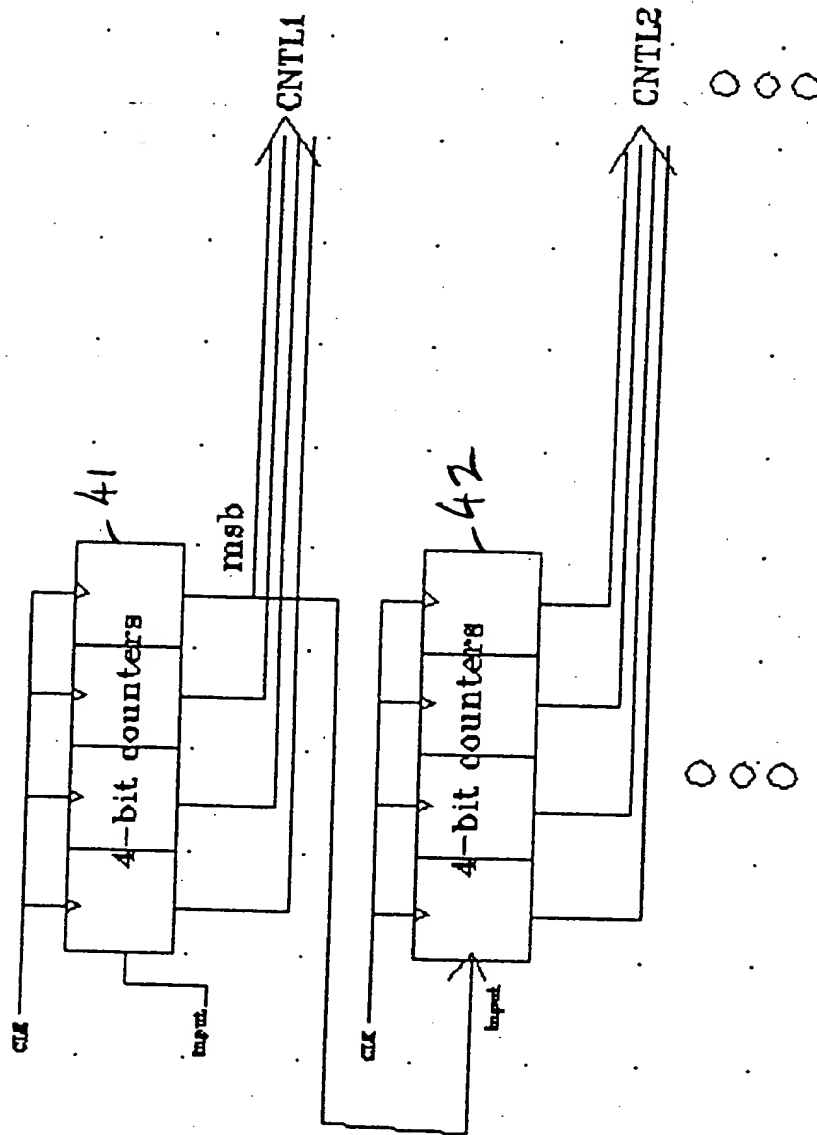


FIG. 3



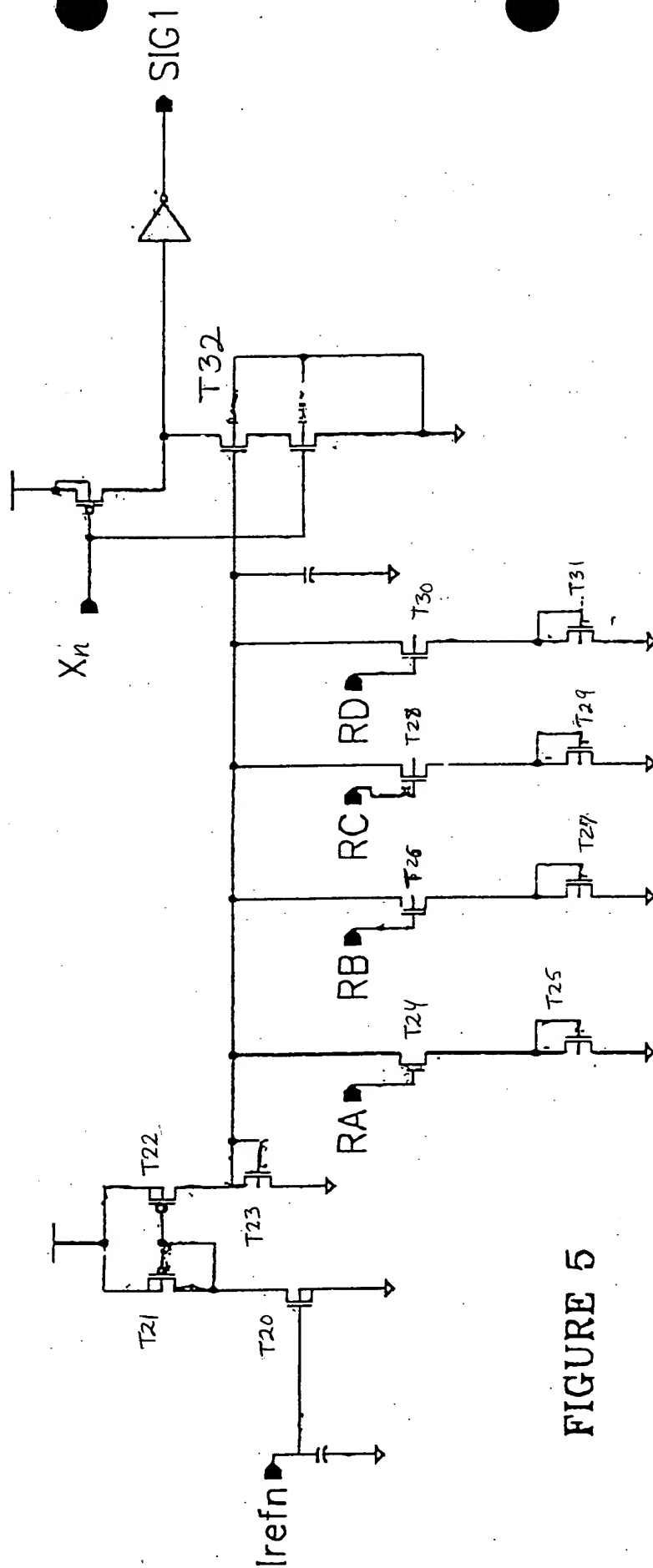


FIGURE 5

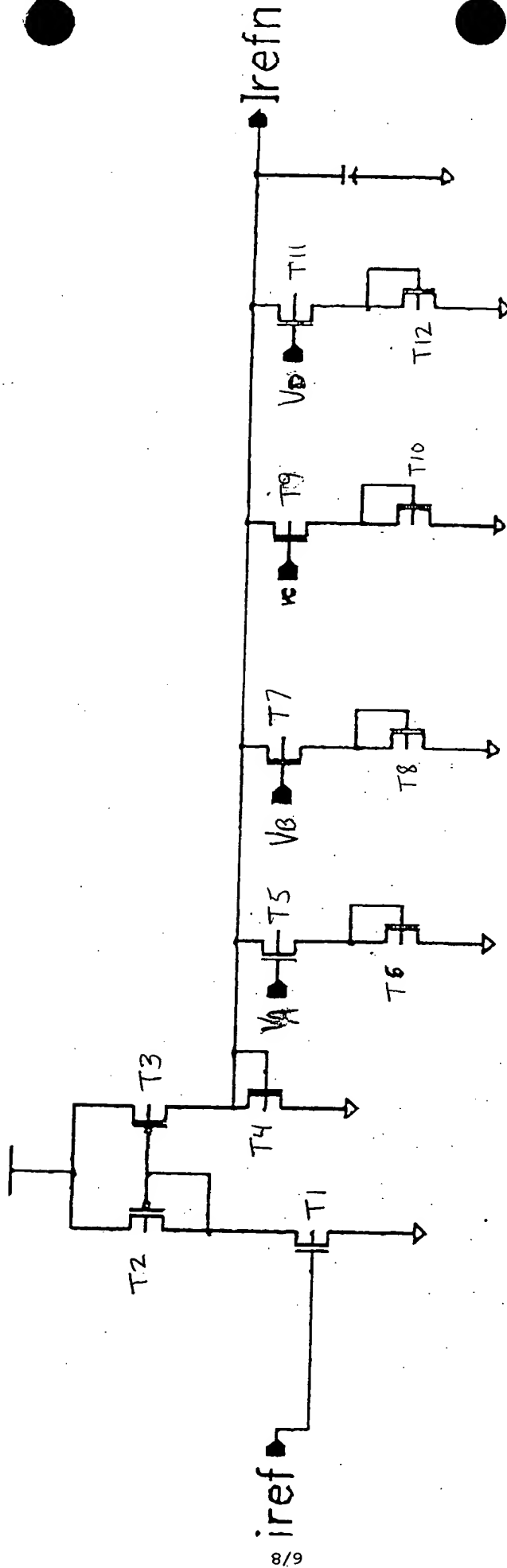


FIGURE 6

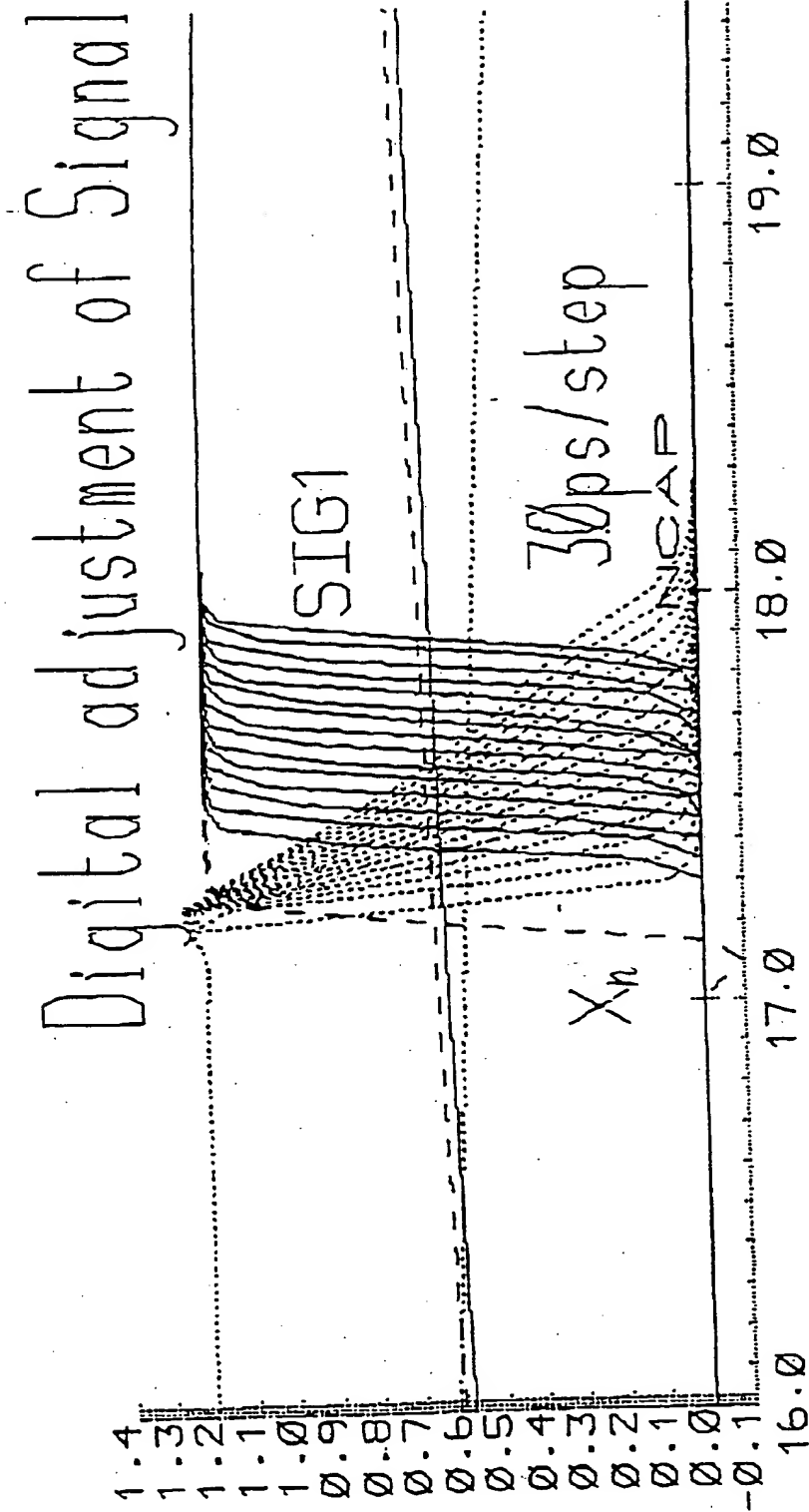


FIG. 7A

FORM 300-2000

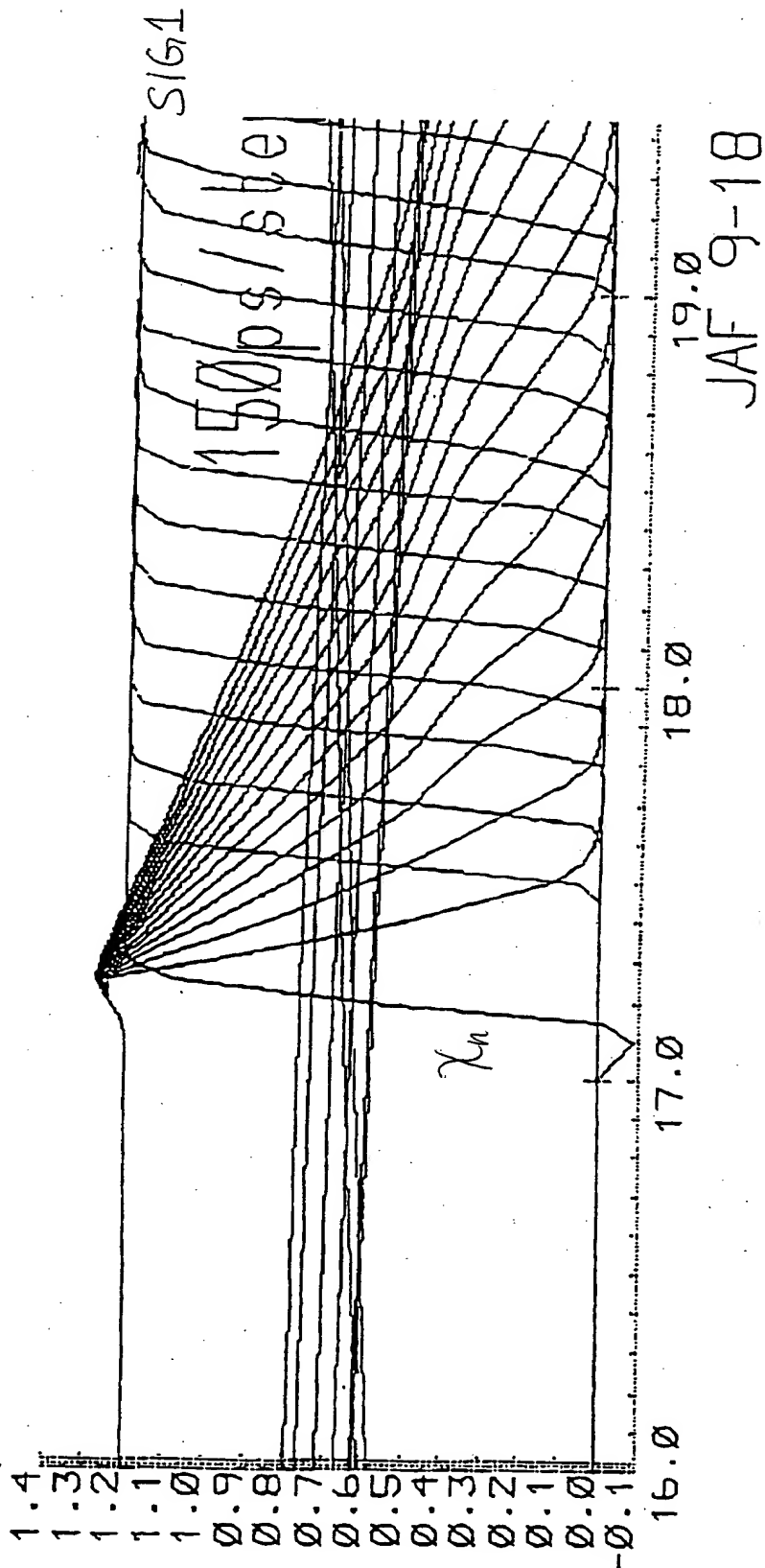


FIG. 7B